PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO						Complete If Known					
INFORMATION DISCLOSURE STATEMENT											
IN AN APPLICATION OLD						Í				İ	
l	(use as	many sheets as	neces	sary)						
/ ~ %[Application Number 09/466,778					
PEB 2 1 20 20 20 20 20 20 20 20 20 20 20 20 20						Filing Date December 20, 1999					
PATE 120 2001 2001					2001	First Named Inventor Hastings et al.					
				Group Art Unit 1655							
					A A COM AND STATE OF THE STATE	Examiner Nan			Einsmann, J.		
Sheet	<u></u>		1 of		Cochin	Attorney Dock	ket Number	<u> </u>	PF487		
					U.S.	PATENT DOC	CUMENTS				
Examiner Initials	Cite No.			t i Code ² nown)		r Applicant of	Date of Public of Cited Docu MM-DD-Y	ment	Pages, Columns, Lines, WI Relevant Passages or Relev Figures Appear	nere vant	
	AA	1	5,635,370	I	HOCKFIELD, et		06-03-9				
Rh		<u></u>	J,0JJ,J70	1_	HOCKITELD, CI	αι.	00-03-9	'	RECE		
		l			ł		ł		CLI	ΛED	
 		 -		+			-		FED 0.0		
							<u></u>		FEB 26	2001	
										1	
 -	├	┼		╅∸			·		TECH CENTER	land ysono	
				ł			1			00012300	
					POPPI	ON THE STATE OF TH	O ON IN COMME				
		_	Foreign Patent Docume	nt .	FOREIC	GN PATENT D	Date of Public	ation	Pages, Columns, Lines,	—	
Examiner	Cite	Kind Code ⁵			Name of Patentee of	Name of Patentee or Applicant of Cited Document MM-DD-YY		ment	Where Relevant Passages	}	
Initials	No.				Cited Docu			Y	or Relevant Figures Appear	Té	
	 -	\vdash		Т	 		 		Appear	 	
	<u> </u>				~						
	 	\vdash		╁	· · · · · · · · · · · · · · · · · · ·		 			 	
				1	<u> </u>					1	
	 	-		╁—			 			\vdash	
	l	11		1							
			OTHER	REFE	RENCES - NON PAT	ENT LITERA	TURE DOCUM	ENTS			
Examir	пет	Cite	Include name	of the	author (in CAPITAL L	ETTERS), title	of the article (whe	en appr	opriate), title of the item		
Initial		No.	(book, magazine	, journ	al, serial, symposium, o	catalog, etc.), da	ite, page(s), volum	ne-issue	number(s), publisher, city	Té	
1		AB	DAY WThe st			r country where		" D	iochemical Society	1	
\mathbb{R}^{n}	, l	AD				ilyanulollan-	omquig brotet	ns, D	ochemical Society		
Transactions, 27(2):115-			no mestaine is	n davalanment	tions	e homeostasis, and disea					
<i>K</i>	m	AC					ii developinent	, ussu	e nomeostasis, and disca	13C,	
The FASEB Journal, 7(13):1233-1241 (1993)											
			+								
			+								
F		_				Date Carel	doned 2	1	/ 		
Examine	F	RI	TA MI	TK	2A	Date Consid	uerea <i>A</i>	1 5	704		
L		· · ·	7,11		· · · · · · · · · · · · · · · · · · ·		<u> </u>	{ 			

Examiner: Initial if reference considered, whether or not clustion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

AUG 0 8 ZOOS ESTABLES

PTO/SB/08a/b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademank Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control number.

Sut	stitute for form 1449/PTO			Complete if Known			
"				Application Number	09/466,778		
l in	NFORMATION	l Di	SCLOSURE	Filing Date	December 20, 1999		
S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Gregg A. Hastings		
				Art Unit	1653		
	(use as many she	ets as	necessary)	Examiner Name	R. Mitra		
Sheet	1	of	1	Attorney Docket Number	PF487		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
en	AG	WO01/81544-A2	11-01-2001	WEIGEL et al.			
RA	AH	WO02/086093-A2	10-31-2002	WEIGEL et al.			

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspip.gog/ or MPEP 801.04. ² Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the Indication of the year of the reign of the Engeror must precede the application number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
Rh	AI ·	POLITZ et al., "Stabilin-1 and -2 constitute a novel family of fasciclin-like hyaluronan receptor homologues," Biochem. J. 362:155-164 (2002).				
Lh_	ΑJ	ZHOU et al., "Purification and molecular identification of the human hyaluronan receptor for endocytosis," Glycobiology 13(5):339-349 (2003).				
Rh	AĶ -	OERTLI et al., "Mechanisms of hyaluronan-induced up-regulation of ICAM-1 and VCAM-1 expression by murine kidney tubular epithelial cells: hyaluronan triggers cell adhesion molecule expression through a mechanism involving activation of nuclear factor-KB and activating protein-1," J of Immunology 161:3431-7 (1998).				
Rh	ĀĻ	TSIFRINA et al., "Identification and characterization of three cDNAs that encode putative novel hyaluronan-binding proteins, including an endothelial cell-specific hyaluronan receptor," Am J Pathol 155(5):1625-33 (1999).				
Lh	AM	MCCARTY et al., "Enhanced synovial production of hyaluronic acid may explain rapid clinical response to high-dose glucosamine in osteoarthritis," Med Hypothesis. 50(6):507-10 (1998).				
Rn	AN .	UEBELHART et al., "Effects of hyaluronic acid on cartilage degradation," Curr Opin Rheumatol. 11(5):427-35 (1999).				
Rh	AQ	NAOR et al., "CD44: structure, function, and association with the malignant process," Adv Cancer Res. 71:241-319 (1997).				
Rm	AP	WISNIEWSKI et al., TSG-6: an IL-1/TNF-inducible protein with anti-inflammatory activity," Cytokine Growth Factor Rev. 8(2):143-156 (1997).				

^{*}EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

				1	
Examiner Signature RITA	MITRA	Date Considered	4/	5	04
					··

¹Applicant's unique citation designation number (optional). Papplicant is to place a check mark here if English language Translation is attached.